

# MATERIAL SAFETY DATA SHEET

## Section I:

Manufactures Name: Walling Chemical Company

Address: 2008 Westport Ave., Box 408, Sioux Falls, SD 57117-0408

Phone #: 605-336-6710

Date Prepared: 4-8-86

Product Identity: Code 807/807A

Synonyms: Silver Nitrate

## Section II: Hazardous Ingredients/Identity Information

Hazardous Components	OSHA PEL	ACGIH TLV	Flammability	LEL	UEL
Silver Nitrate	0.01	0.01	NA	NA	NA
	AS	Ag			

Other Cited Data: Swallowing may cause severe gastroenteritis or death.

Comments: Reacts to light. Keep out of sunlight.

## Section III: Physical/Chemical Characteristics

Boiling Point: 100°C Specific Gravity (H<sub>2</sub>O = 1): 1.0

Vapor Pressure: Water Melting Point: 32°F

pH: 8-9 Evaporation Rate (Butyl acetate = 1): 1

Appearance and odor: Clear odorless liquid.

## Section IV: Fire and Explosion Data

Flash Point: NA

Extinguishing Media: Water, CO<sub>2</sub>, foam, dry chemical

Special Fire Fighting Procedures: NA

Unusual Fire and Explosion Hazards: NA

## Section V: Reactivity Data

Stability: Stable Yes except for shelflife Unstable in sunlight

Conditions to avoid: Contamination

Incombatability: Halides, alkali, organics, light

Hazardous Polymerization: Will Occur - Will Not Occur +

Section VI: Health Hazard Data

Routes of Entry: Inhalation No Skin Yes Ingestion Yes

Health Hazards (Acute and Chronic) Skin and eyes: Irritant  
Ingestion: Toxic

Carcinogenicity: NTP No IARC NO

OSHA Regulated No Other NO

Signs and Symptoms of Exposure: Eyes: irritation, Skin: Staining, irrit  
tion. Swallowing: gastroenteritis,

Medical Conditions Aggravated by Exposure: None Known.

Emergency and First Aid Procedures: Eyes: Flush well with water. Skin: Wash  
with soap and water. Swallowing: Call a doctor immediately.

Section VII: Precautions for Safe Handling and Use.

Steps to be taken in case material is released or spilled: Soak up on inert material.  
Incinerate.

Waste Disposal Method Follow Federal, State and local regulations.

Precautions to be taken in handling and storing: Avoid contact

Other precautions: Use good safety practices.

**Section VIII: Control Measures**

Respiratory Protection: NA

Ventilation: Local Exhaust NA Special NA

Mechanical (Type) NA Other NA

Latex if needed Goggles

Protective Gloves        Eye Protection       

Other Eyewash

Comments: Keep away from children.

**References Used:**

Third Annual Report on Carcinogens  
NTIS  
Research Triangle Park, NC

Fire Hazard Properties of Flammable Liquids, Gases, and Volatile Solids (1984)  
NFPA  
Batterymarch Park, Quincy, MA 02269

OSHA Safety and Health Standards  
(29 CFR 1910) OSHA-2206  
U.S. Dept. of Labor  
Washington, D.C. 20402

Threshold Limit Values and Biological Exposure Indices For 1985-86  
ACGIH, Cincinnati, OH 45211

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